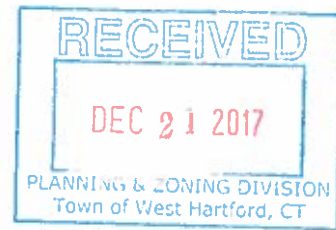


December 21, 2017



TO: Todd Dumais, Town Planner
FROM: Charles R. Guarino, Civil Engineer II *CRG*
SUBJECT: 54 Sunset Farm Road

Based on my review of:

1. Site Plan for Savin Residence, 54 Sunset Farm Road, West Hartford CT December 15, 2017.
2. Hydrogeologic Report dated 12/15/17.
3. Stormwater Management Report dated 12/14/2017.

I offer the following engineering comments:

1. In the Stormwater Management Report, runoff curve number worksheet, watershed: proposed condition – largest of three watersheds tributary to east property line (watershed P-1), the curve number for impervious surface is shown as 74, it should be 98; please revise.
2. In the Stormwater Management Report, the pond report page needs two minor corrections, the first is column "A", the slope is shown as 1% but the plans show 2% and column "B" weir structures, the weir crest elevation is shown as 226.90 and the plans show 227.0. Please revise so the report and plans are consistent.
3. On plan sheet C-9 the type CL catch basin (infiltration inlet) detail labels the 12" ads pipe invert elevation as 221.0 however the same invert is labeled as 222.5 on the stormtech infiltrator system conceptual layout; please revise.
4. On plan sheet C-1 the outlet structure is labeled as AA-C-9, it should be 0-C-4.
5. The 2002 CT E&S Guidelines call for a minimum of 1 foot free board on the detention basin.

CRG:sr

C: Duane J. Martin, P.E., Town Engineer

